



At-Risk Species in North Florida

What is an "At-Risk Species" and who to contact

http://www.fws.gov/southeast/candidateconservation/https://www.fws.gov/northflorida/

The U.S. Fish and Wildlife Service refers to "at-risk species" as species that have either been petitioned for listing, are candidates for listing, or are proposed for listing under the Endangered Species Act (ESA). Because at-risk species receive no statutory protection under the ESA, their future depends on voluntary cooperative conservation efforts of anyone who can help.

Background

In 2011, the Southeast Region of the U.S. Fish and Wildlife Service (FWS) began implementing a conservation strategy to comprehensively and systematically address the status of more than 400 fish, wildlife, and plant species that may need protection under the Endangered Species Act (ESA). Some of these "at-risk species" were already listed as candidates under the ESA, while others were recently petitioned to be listed.



Duke's Skipper (Euphyes dukesi calhouni) © Bill Berthet

The record number of species' evaluations is in part the result of a national, multidistrict litigation settlement agreement, as well as a mega-petition, brought by several conservation groups. The groups are asking the FWS to provide federal protection to species that are cur-



Striped Newt (Notophthalmus perstriatus) © Kevin Enge

rently candidates for federal protection (per the multidistrict litigation settlement agreement), as well consider over 400 new species for federal protection (per the mega-petition).

Candidate species are plants and animals for which the FWS has sufficient information on their biological status and threats to propose them as endangered or threatened under the ESA, but that development of a proposed listing regulation is precluded by higher priority listing activities.

In addition to biologists recommending a species be considered for federal listing, citizens may also petition the FWS to add species to the list of threatened and endangered species. In 2010, the Center for Biological Diversity (CBD) petitioned the FWS to list 404 aquatic-associated species in the Southeast. After our initial review, we determined that the petition presented substantial scientific or commercial information indicating that federal listing may be warranted for 374 of the 404 petitioned species. Therefore, we will be initiating status reviews to determine if listing is warranted for these species.

Subsequently, CBD also petitioned the FWS to list 53 reptile and amphibian species. Although we have not yet made an initial determination for the reptile and amphibian petition, we are interested in gathering information on the status of and threats for these species as well.

We need your help

To ensure that the status reviews are comprehensive, the U.S. Fish and Wildlife Service is soliciting scientific and commercial data and other relevant information from the public regarding the species status and threats facing these species. Please send any information regarding distribution, abundance, genetics, ongoing conservation efforts, species habitat needs, and threats to the lead FWS contact.

How will the information I provide be used?

All information collected will be used by the FWS to perform a five factor threats analysis to determine whether federal listing is warranted for that species.

Who should I contact?

Over 150 of the at-risk species are native to Florida. Species assigned to the North Florida Field Office, and contact information for the lead FWS biologist, are listed on the back of this sheet.

If additional species information is needed, contact the lead FWS biologist or visit the links at the top of this page.





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Common name	Scientific name	FWS Status*	Lead Biologist	
Amphibians				
Gulf Hammock Dwarf Siren	Pseudobranchus striatus lustri- colus	P	Jodie Smithem	
Striped Newt	Notophthalmus perstriatus	С	Jodie Smithem	
Amphipod				
Florida Cave Amphipod	Crangonyx grandimanus	Р	Jodie Smithem	
Hobb's Cave Amphipod	Crangonyx hobbsi	P	Jodie Smithem	
Birds				
Florida Sandhill Crane	Grus canadensis pratensis	P	Billy Brooks	
Butterflies				
Duke's Skipper	Euphyes dukesi calhouni	P	Jodie Smithem	
Caddisflies				
Little Oecetis Longhorn Caddisfly	Oecetis parva	Р	Jodie Smithem	
Crayfish				
Alachua Light Fleeing Cave Crayfish	Procambarus lucifugus alachua	P	Jodie Smithem	
Bigcheek Cave Crayfish	Procambarus delicatus	Р	Jodie Smithem	
Black Creek Crayfish	Procambarus pictus	P	Billy Brooks	
Coastal Lowland Cave Crayfish	Procambarus leitheuseri	P	Jodie Smithem	
Florida Cave Crayfish	Procambarus lucifugus	P	Jodie Smithem	
Orange Lake Cave Crayfish	Procambarus franzi	P	Jodie Smithem	
Orlando Cave Crayfish	Procambarus acherontis	P	Jodie Smithem	
Pallid Cave Crayfish	Procambarus pallidus	Р	Jodie Smithem	
Putnam County Cave Crayfish	Procambarus morrisi	P	Jodie Smithem	
Santa Fe Cave Crayfish	Procambarus erythrops	P	Jodie Smithem	
Silver Glen Springs Crayfish	Procambarus attiguus	Р	Jodie Smithem	
Spider Cave Crayfish	Troglocambarus maclanei	P	Jodie Smithem	
Withlacoochee Light- fleeing Cave Crayfish	Procambarus lucifugus lucifugus	P	Jodie Smithem	
Woodville Karst Cave Crayfish	Procambarus orcinus	Р	Jodie Smithem	
Dragonflies				

Common name	Scientific name	FWS Status*	Lead Biologist		
Mussels					
Southern Lance	Elliptio ahenea	Р	Jodie Smithem		
St. John's Elephantear	Elliptio monroensis	Р	Jodie Smithem		
Plants	<u> </u>				
Curtiss' Loosestrife	Lythrum curtissii	Р	Annie Dziergowski		
Florida Willow	Salix floridana	P	Todd Mecklenborg		
Godfrey's Privet	Forestiera godfreyi	P	Annie Dziergowski		
Hartwrightia	Hartwrightia floridana	Р	Annie Dziergowski		
Narrowleaf Naiad	Najas filifolia	Р	Annie Dziergowski		
Ocala Vetch	Vicia ocalensis	P	Todd Mecklenborg		
Thorne's Beaked-rush	Rhynchospora thornei	Р	Todd Mecklenborg		
Yellow Anisetree	Illicium parviflorum	P	Annie Dziergowski		
Reptiles					
Cedar Key Mole Skink	Eumeces egregius insularis	P	Billy Brooks		
Florida Scrub Lizard	Sceloporus woodi	P	Todd Mecklenborg		
Short-tailed Snake	Stilosoma extenuatum	Р	Todd Mecklenborg		
Snails					
Blue Spring Hydrobe	Aphaostracon asthenes	Р	Jodie Smithem		
Clifton Spring Hydrobe	Aphaostracon theiocrenetum	P	Jodie Smithem		
Dense Hydrobe	Aphaostracon pycnus	Р	Jodie Smithem		
Enterprise Siltsnail	Floridobia monroensis	P	Jodie Smithem		
Freemouth Hydrobe	Aphaostracon chalarogyrus	Р	Jodie Smithem		
Ichetucknee Siltsnail	Floridobia mica	Р	Jodie Smithem		
Ponderous Siltsnail	Floridobia ponderosa	P	Jodie Smithem		
Pygmy Siltsnail	Floridobia parva	Р	Jodie Smithem		
Wekiwa Hydrobe	Aphaostracon monas	Р	Jodie Smithem		
Wekiwa Siltsnail	Floridobia wekiwae	Р	Jodie Smithem		

*P = Petitioned species *C=Candidate species

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